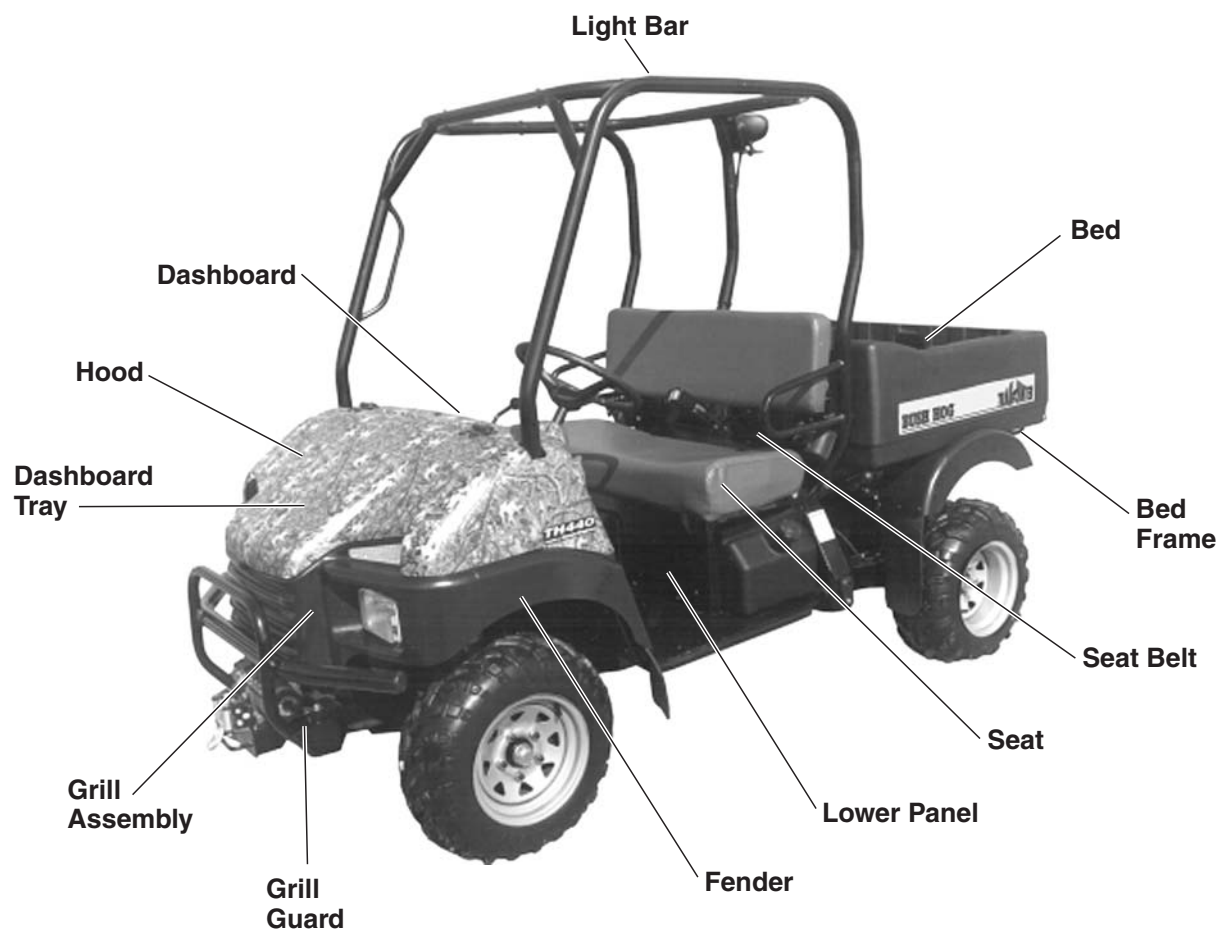


SECTION 10: BODY COMPONENTS

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COMPONENT LOCATOR



TOOLS

Common hand and shop tools can be used to remove and install the body components serviced in the section. All special tools are listed below.

SAFETY FIRST

CAUTION

Do not work underneath a raised vehicle without proper support. Use jack stands or other blocking devices to prevent the vehicle from falling during service. A falling vehicle can cause severe personal injury or death.

If injured seek medical attention immediately.

CAUTION

Wear eye protection when working on a machine. The introduction of brake fluid or other caustic fluids, rust, dirt, or tools into eyes can cause severe eye damage. If injured seek medical assistance immediately.

CAUTION

Wear eye protection when using compressed air for tool operation or tire inflation. Do not point a compressed air nozzle at another person. Compressed air can cause severe personal injury or death. If injured seek medical attention immediately.

DESCRIPTION

This section includes the removal and installation of standard body components. Optional equipment installation is included in the Optional Equipment section.

DASHBOARD ASSEMBLY

The dashboard (Figure 1) contains all the components needed to operate the machine. Replacing the dashboard components requires tagging and removing the wiring harness from the components. See the Electrical section for information on the dashboard wiring harness.

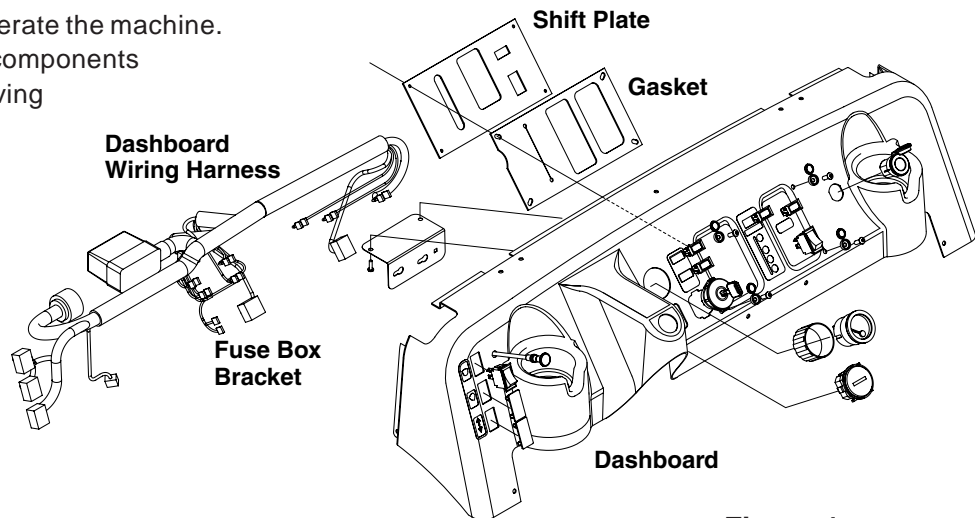


Figure 1
Dashboard Assembly

REMOVAL

1. Remove the hood. See the section entitled Hood.
2. Disconnect the main chassis harness wiring from the dashboard harness (Figure 2).
3. Remove the knob from the shift handle (Figure 3).
4. Remove two screws securing the fuse box bracket to the frame.

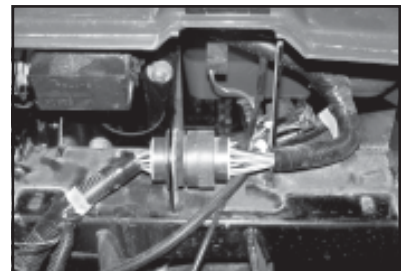


Figure 2
Main Chassis Harness Connector



Figure 3
Shifting Handle

5. Remove eight screws, nuts and six covers securing the dashboard to the frame (Figure 4).
6. Disconnect and tag any optional equipment wiring harness from the dashboard.
7. Carefully lift the dashboard free of the frame.

NOTICE: *The wiring harness, shift plate, shift plate gasket and fuse box bracket must be removed to replace the dashboard. Tag and disconnect the wires for the wiring harness before removal to help during installation. See the Electrical section for information of the wiring harness and location.*

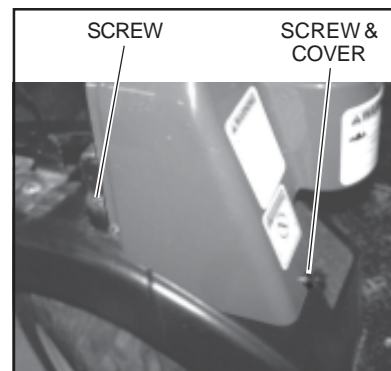


Figure 4
Dashboard Capscrews

INSTALLATION

1. Using tags created during removal, install any components removed from the dashboard.
2. Carefully position the dashboard on the frame for installation. Secure with eight capscrews, nuts and six covers (Figure 4). Tighten nuts to general torque specifications.
3. Using tags created during removal, connect optional equipment wiring harnesses.
4. Install two screws securing the fuse box to the frame (Figure 2). Tighten screws to general torque specifications.
5. Install and tighten the shift handle knob (Figure 3).
6. Connect the main chassis wiring harness to the dashboard harness.
7. Install the hood. See the section entitled Hood.

HOOD

The hood assembly includes the hood, hood catch, and hinges (Figure 4).

REMOVAL

1. Remove two capscrews and washers (Figure 5) from each hinge securing the hood to the dashboard.
2. If the hood will be replaced remove hood catch by removing three capscrews, lock washers, and flat washers securing the hood catch to the hood. Also remove two hinges by removing two capscrews and washers from each hinge.

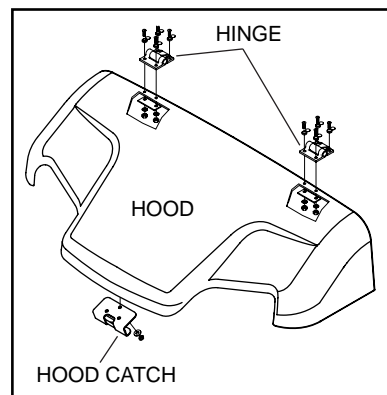


Figure 5
Hood Assembly

INSTALLATION

1. Install hinges (Figure 5) on the hood and secure with two capscrews and washers. Tighten capscrews to general torque specifications.
2. Position the hood on the dashboard with the hinges aligned for installation. Secure hinges with two capscrews and washers. Tighten capscrews to general torque specifications.
3. Position the hood catch for installation. Secure with three capscrews, lock flat washers, and lock washers. Tighten capscrews to general torque specifications.

FRONT FENDER

There are two front fenders (Figure 6) to catch debris thrown by the tires. The fenders are supported by the grill assembly.

REMOVAL

1. While supporting the fender remove two button head screws, lock washers and hex nuts from the rear of the fender (Figure 6).
2. Remove a button head screw, lock washer, flat washer and hex nut from the top of the fender.
3. Remove three screws and counter sunk washers securing the fender to the grill assembly.

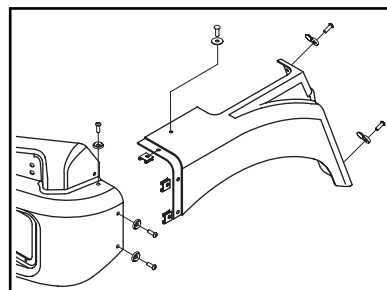


Figure 6
Front Fender

INSTALLATION

1. Position the fender into the grill assembly and secure with three screws and counter sunk washers. Tighten screws to general torque specifications.
2. Install the upper button head screw, flat washer, lock washer and nut. Tighten nut to general torque specifications.
3. Install two button head screws, lock washers and nuts to the rear of the fender. Tighten nuts to general torque specifications.

DASHBOARD TRAY

The dashboard tray is mounted underneath the hood (Figure 7). The tray can be used to store items when operating the machine.

The tray can be removed as two pieces or as an assembly. This procedure describes the removal of one side of the tray. Removal is identical for both sides.

REMOVAL

1. Remove two upper button head screws and washers from the fender and grill assembly mount (Figure 7). See the section entitled Fender for additional information.
2. Remove two hex head screws securing one side of the tray.
3. Remove the hex head screw from the center of the two sides of the tray.
4. Lift the side of the tray up and out of the machine.

INSTALLATION

1. Position the tray underneath the fender and in position for installation.
2. Install two hex head screws to the rear of the tray. Tighten securely.
3. Install a hex head screw in the center of the trays. Tighten securely.
4. Install two button head screws and washers in the fender mount. Tighten screws securely.

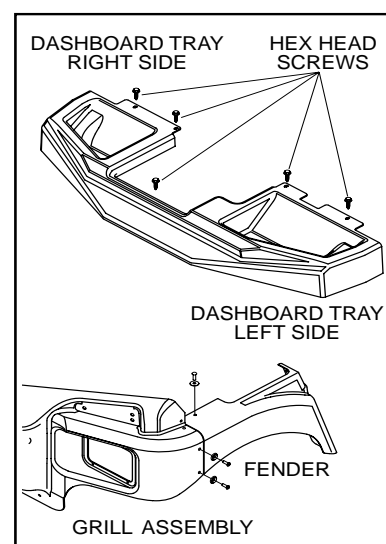


Figure 7
Dashboard Tray Assembly

GRILL GUARD

The grill guard is mounted on the front of the machine and protects the hood and grill from damage.

REMOVAL

While supporting the grill guard, remove six capscrews, lock washers and nuts (Figure 8).

INSTALLATION

Position the grill guard for installation and secure with six capscrews, lock washers and nuts. Tighten nuts to general torque specifications.

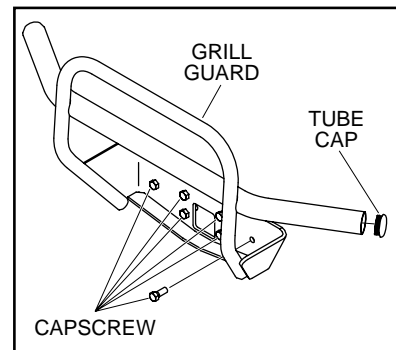


Figure 8
Grill Guard Assembly

GRILL ASSEMBLY

The grill assembly (Figure 9) is mounted between the grill guard and support frame. The headlights are mounted in the grill.

REMOVAL

1. Using the section entitled Grill Guard, remove the grill guard.
2. Remove two capscrews, lock washers, flat washers and nuts from the top of the grill assembly (Figure 9).
3. Tag and disconnect the wiring harness to the headlamps.
4. While supporting the grill assembly, remove two button head screws, lock washers, finish washers and covers from the front of the grill assembly.
5. Remove the grill assembly.

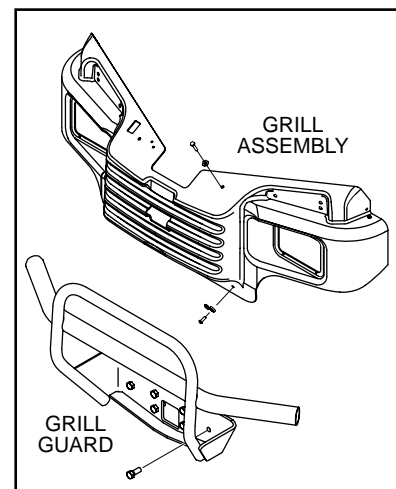


Figure 9
Grill Assembly

INSTALLATION

1. Place the grill assembly in position for installation. Secure with two capscrews, lock washers, flat washers and nuts on top of the grill assembly. Tighten capscrews and nuts to general torque specifications.
2. Install two button head screws, lock washers, finish washers, nuts and covers. Tighten capscrews and nuts to general torque specifications.
3. Using tags created during removal, connect the wiring harness to the headlights.
4. Using the section entitled Grill Guard, install the grill guard.

LIGHT BAR

The light bar (Figure 10) provides a support for lights, hard covers, soft covers and enclosures.

REMOVAL

1. Remove the capscrew and lock nut (Figure 10) securing the left front and right front supports to the support frame.
2. Remove five nuts, flat washers and lock washers securing the upper seat to the center rear bar.
3. While supporting the light bar, remove two capscrews and lock nuts from the securing the left rear and right rear supports to the frame.

NOTICE: Use Figure 10 as a guide to disassembly or assembly the light bar

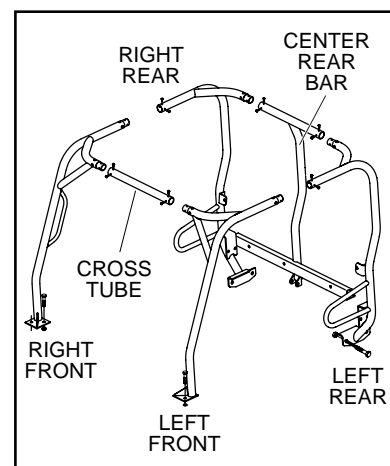


Figure 10
Light Bar Assembly

INSTALLATION

1. Place the light bar in position for installation. Secure with two capscrews and lock nuts on the left rear and right rear supports. Tighten capscrews and nuts to general torque specifications.
2. Install a capscrew and lock nut in the left front and right front supports. Tighten capscrews and nuts to general torque specifications.
3. Place the upper seat in position on the center rear bar and secure with five nuts, lock washers and flat washers. Tighten nuts to general torque specifications.

LOWER PANEL

The lower panel is mounted below the seat (Figure 11) assembly. An optional glove box can be mounted into the panel.

REMOVAL

While supporting the lower panel, remove seven capcrews, lock washers and nuts securing the panel to the frame.

NOTICE: Some later models use weld nuts for lower panel mounting in place of removal nuts.

INSTALLATION

Place the panel in position for installation and secure with seven capscrews, lock washers and nuts. Tighten the capscrews and nuts to general torque specifications.

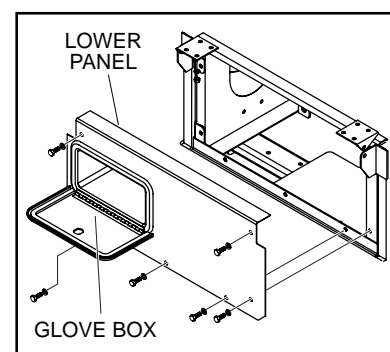


Figure 11
Lower Panel

SEAT

The seat is installed in two pieces, the seat assembly and the upper seat (Figure 12).

REMOVAL

1. While supporting the upper seat (Figure 12), remove five nuts, flat washers and lock washers securing the upper seat to the center rear bar.
2. Remove nuts and lock washers securing the seat assembly and hinges to the lower support frame.

NOTICE: The seat assembly and hinges are mounted on models TH4200 and TH4400 using six nuts and lock washers. Models TH420 and TH440 use four nuts and lock washers for the seat and hinge mounting.

3. Remove the seat assembly.

INSTALLATION

1. Place the seat assembly in position for installation and secure with six nuts and lock washers. Tighten nuts to general torque specifications.
2. Place the upper seat for installation and secure with five nuts, lock washers and flat washers. Tighten nuts to general torque specifications.

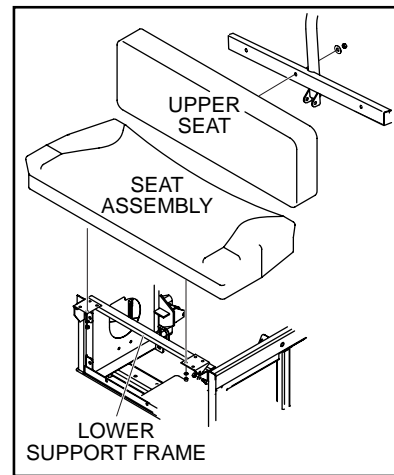


Figure 12
Seat Assembly

SEAT BELTS

The two piece seat belts are mounted on the light bar. It is important the seat belts be installed correctly and the hardware tightened properly (Figure 13).

REMOVAL

Remove the capscrew and lock nuts securing the seat belt halves to the light bar center rear bar.

INSTALLATION

Position the seat belt halves and secure with a capscrew and lock nut. Tighten the lock nuts to general torque specifications.

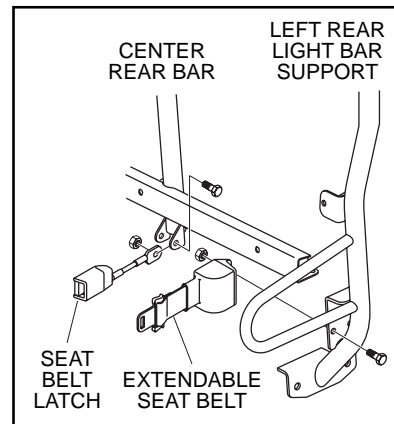


Figure 13
Seat Belt Assembly

BED ASSEMBLY

The bed assembly is mounted on a bed frame secured with 16 machine screws and nuts (Figure 14).

REMOVAL

1. Tag and disconnect the chassis wiring harness from the tail light wiring harness.
2. While supporting the bed assembly, remove 16 machine screws, lock washers and nuts. Remove the bed.

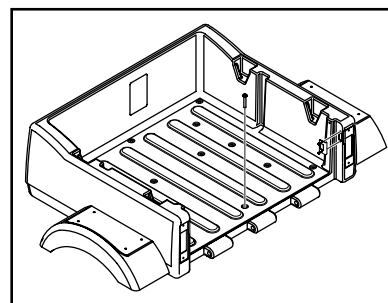


Figure 14
Bed Assembly

INSTALLATION

1. Place the bed in position for installation and secure with 16 machine screws, lock washers and nuts. Tighten nuts to general torque specifications.
2. Using the tags created during removal; connect the chassis wiring harness to the tail light harness.

BED FRAME

The bed frame (Figure 15) is mounted on the frame and supports the bed assembly (Figure 14).

REMOVAL

While supporting the bed frame (Figure 15), remove two capscrews, nylon washers and lock nut. Remove the bed frame.

INSTALLATION

Place the bed frame in position for installation and secure with two capscrews, two new nylon washers and two lock nuts. Tighten the capscrews to support the bed while allowing the bed to lift and lower properly.

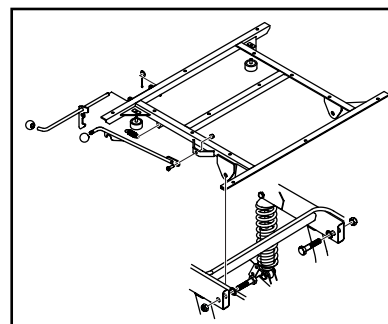


Figure 15
Bed Frame Assembly